

IN THE CLAIMS

Claim 1. (currently amended) A method of storing additional information, comprising the steps of:

receiving additional information obtained and transferred by a receiver receiving a digital radio broadcast in which the additional information is multiplexed with an audio program; said additional information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

determining whether preset key information is included in the additional information, the key information comprising a program category preset by a user; and

storing the additional information without the audio program in a storage medium only when the preset key information is determined to be included.

Claim 2. (Previously Presented) The method of storing additional information according to Claim 1, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is stored in the storage medium.

Claim 3. (Previously Presented) The method of storing additional information according to Claim 1, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key

information, and when the key information is included in the header portion, the data portion associated with the header portion is stored in the storage medium.

Claim 4. (currently amended) The method of storing additional information according to Claim 1, wherein said step of storing stores, in addition to the additional information including the key information, ~~the~~ main information of the associated program in the storage medium.

Claim 5. (Previously Presented) The method of storing additional information according to Claim 1, wherein said step of storing stores accompanying information in association with the additional information.

Claim 6. (Previously Presented) The method of storing additional information according to Claim 1, wherein said receiver also receives further additional information of a program other than the program being received and transfers the further additional information.

Claim 7. (Previously Presented) The method of storing additional information according to Claim 1, further comprising the steps of transferring the additional information stored in the storage medium to said receiver, wherein said receiver displays the transferred additional information on a display unit of thereof.

Claim 8. (currently amended) A method of transferring additional information, comprising the steps of:

receiving a digital radio broadcast in which additional information is multiplexed with an audio program, thereby obtaining the additional information; said additional

information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

determining whether preset key information is included in the additional information obtained in the step of receiving, the key information comprising a program category preset by a user; and

transferring the additional information without the audio program to an external device only when the key information is determined to be included.

Claim 9. (Previously Presented) The method of transferring additional information according to Claim 8, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is transferred to the external device.

Claim 10. (Previously Presented) The method of transferring additional information according to Claim 8, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the data portion associated with the header portion is transferred to the external device.

Claim 11. (currently amended) The method of transferring additional information according to Claim 8,

wherein said transferring step transfers, in addition to the additional information including the key information, ~~the main~~ information of the associated program to the external device.

Claim 12. (Previously Presented) The method of transferring additional information according to Claim 8, wherein said step of receiving also receives and obtains further additional information of a program other than the program being received.

Claim 13. (Previously Presented) The method of transferring additional information according to Claim 8, further comprising the step of transferring the additional information stored in the storage medium to said receiver, wherein said receiver displays the transferred additional information on a display unit thereof.

Claim 14. (Previously Presented) The method of transferring additional information according to Claim 8, wherein said step of determining stores the additional information in storage means when it is determined that the key information is included, and said step of transferring transfers the additional information stored in the storage means to the external device at a predetermined timing.

Claim 15. (Previously Presented) The method of transferring additional information according to Claim 8, wherein said step of determining stores the additional information in storage means when it is determined that the key information is included, and said step of transferring deletes the additional information from the storage means after the additional information has been transferred.

Claim 16. (currently amended) A method of storing additional information, comprising the steps of:

receiving a digital radio broadcast in which additional information is multiplexed with an audio program, thereby obtaining the additional information; said additional information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

determining whether preset key information is included in the additional information obtained in the step of receiving, the key information comprising a program category preset by a user;

transferring the additional information without the audio program to an information processing terminal only when the key information is included; and

storing the additional information transferred to the information processing terminal in a storage medium of the information processing terminal.

Claim 17. (Previously Presented) The method of storing additional information according to Claim 16, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is transferred to the information processing terminal and stored in the storage medium.

Claim 18. (Previously Presented) The method of storing additional information according to Claim 16, wherein when the additional information includes a data portion consisting of a

payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the data portion associated with the header portion is transferred to the information processing terminal and stored in the storage medium.

Claim 19. (currently amended) The method of storing additional information according to Claim 16, wherein said step of transferring transfers, in addition to the additional information including the key information, ~~the~~ main information of the associated program to said information processing terminal, and said step of storing stores the transferred additional information and main information in the storage medium of said information processing terminal.

Claim 20. (Previously Presented) The method of storing additional information according to Claim 16, wherein said step of storing stores information obtained in the information processing terminal in association with the additional information.

Claim 21. (Previously Presented) The method of storing additional information according to Claim 16, wherein said step of receiving also receives and obtains further additional information of a program other than the program being received.

Claim 22. (Previously Presented) The method of storing additional information according to Claim 16, further comprising the step of transferring the additional information stored in the storage medium to said receiver, wherein said receiver

displays the transferred additional information on a display unit thereof.

Claim 23. (Previously Presented) The method of transferring additional information according to Claim 16, wherein said step of storing stores the additional information in storage means when it is determined that the key information is included, and said transferring transfers the additional information stored in the storage means to the information processing terminal at a predetermined timing.

Claim 24. (Previously Presented) The method of storing additional information according to Claim 16, wherein said step of transferring transfers the additional information in response to a transfer request issued by the information processing terminal.

Claim 25. (Previously Presented) The method of storing additional information according to Claim 16, wherein said step of storing stores the additional information in storage means when it is determined that the key information is included, and said transferring step deletes the additional information from the storage means after the additional information has been transferred.

Claim 26. (currently amended) A receiver comprising:
a receiving unit receiving a digital radio broadcast in which additional information is multiplexed with an audio program; said additional information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

a control unit which determines whether key information preset in said receiver is included in the additional information received by said receiving unit, the key information comprising a program category preset by a user; and

a communications unit which transfers the additional information without the audio program received by said receiving unit to an external device only when said control unit determines that the key information is included in the additional information.

Claim 27. (Previously Presented) The receiver according to Claim 26, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is transferred to the external device.

Claim 28. (Previously Presented) The receiver according to Claim 26, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the data portion associated with the header portion is transferred to the external device.

Claim 29. (currently amended) The receiver according to Claim 26, wherein in addition to the additional information

including the key information, ~~the~~ main information of the associated program is transferred to the external device.

Claim 30. (Previously Presented) The receiver according to Claim 26, wherein said receiver unit also receives further additional information of a program other than the program being received.

Claim 31. (Previously Presented) The receiver according to Claim 26, further comprising a display unit for displaying the additional information, wherein at least part of the additional information transferred to the external device is transferred from the external device via said communications unit, so that the transferred additional information is displayed on said display unit.

Claim 32. (Previously Presented) The receiver according to Claim 26, further comprising storage means for storing the additional information, wherein the additional information is stored in said storage means when it is determined that the key information is included, and the additional information stored in said storage means is transferred to the external device at a predetermined timing.

Claim 33. (Previously Presented) The receiver according to Claim 26, further comprising storage means for storing the additional information, wherein the additional information is stored in said storage means when it is determined that the key information is included, and the additional information is deleted from said storage means after the additional information has been transferred.

Claim 34. (currently amended) An information processing terminal comprising:

a data communications unit for receiving additional information obtained and transferred by a receiver capable of receiving a digital radio broadcast in which the additional information is multiplexed with an audio program; said additional information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

a control unit which determines whether preset key information is included in the transferred additional information, the key information comprising a program category preset by a user; and

storage means for storing the additional information without the audio program, only when said control unit determines that the key information is included in the additional information.

Claim 35. (Previously Presented) The information processing terminal according to Claim 34, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is stored in said storage means.

Claim 36. (Previously Presented) The information processing terminal according to Claim 34, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information

associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the data portion associated with the header portion is stored in said storage means.

Claim 37. (currently amended) The information processing terminal according to Claim 34, wherein when said control unit determines that the key information is included in the additional information, in addition to the additional information including the key information, ~~the~~ main information of the associated program is stored in said storage means.

Claim 38. (Previously Presented) The information processing terminal according to Claim 34, wherein when said control unit determines that the key information is included in the additional information, accompanying information obtained by said information processing terminal is stored in association with the additional information.

Claim 39. (Previously Presented) The information processing terminal according to Claim 34, at least part of the additional information stored in said storage means is transferred to said receiver via said communications unit.

Claim 40. (currently amended) A method of transferring additional information, comprising the steps of:

transmitting to a first information processing terminal additional information obtained by a receiver capable of receiving a digital radio broadcast in which the additional information is multiplexed with an audio program; said additional information including at least information of an artist of the audio program, an identifier of the digital radio

broadcast, a broadcast time stamp, and lyrics of the audio program;

determining on said first information processing terminal whether key information preset in said first information processing terminal is included in the transmitted additional information, the key information comprising a program category preset by a user; and

transferring the additional information without the audio program from said first information processing terminal to a second information processing terminal at a destination only when the key information is determined to be included.

Claim 41. (Previously Presented) The method of transferring additional information according to Claim 40, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is transferred to said second information processing terminal.

Claim 42. (Previously Presented) The method of transferring additional information according to Claim 40, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the data portion associated with the header portion is transferred to said second information processing terminal.

Claim 43. (currently amended) The method of transferring additional information according to Claim 40, wherein said transmitting step transmits, in addition to the additional information, ~~the~~ main information of the associated program to said first information processing terminal, and said transferring step transfers, in addition to the additional information including the key information, the main information of the associated program to said second information processing terminal.

Claim 44. (Previously Presented) The method of transferring additional information according to Claim 40, wherein said transferring step transfers accompanying information obtained by said first information terminal in association with the additional information.

Claim 45. (Previously Presented) The method of transferring additional information according to Claim 40, wherein said receiver also receives further additional information of a program other than the program being received and transmits the additional information.

Claim 46. (currently amended) A method of transferring additional information, comprising the steps of:

receiving additional information by a receiver receiving a digital radio broadcast in which the additional information is multiplexed with an audio program; said additional information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

determining on said receiver whether key information preset in said receiver is included in the received additional

information, the key information comprising a program category preset by a user;

transmitting the additional information to a first information processing apparatus at a source only when the key information is determined to be included; and

transferring the additional information without the audio program from said first information processing terminal to a second information processing terminal at a destination via a communications network.

Claim 47. (Previously Presented) The method of transferring additional information according to Claim 46, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the additional information including the header portion is transmitted to said first information processing terminal.

Claim 48. (Previously Presented) The method of transferring additional information according to Claim 46, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, the data portion associated with the header portion is transmitted to said first information processing terminal.

Claim 49. (currently amended) The method of transferring additional information according to Claim 46, wherein said transmitting step transmits, in addition to the additional information including the key information, ~~the~~ main information of the associated program to said first information processing terminal.

Claim 50. (Previously Presented) The method of transferring additional information according to Claim 46, wherein said transferring step transfers accompanying information obtained by said first information processing terminal in association with the additional information.

Claim 51. (Previously Presented) The method of transferring additional information according to Claim 46, wherein said receiver also receives further additional information of a program other than the program being received.

Claim 52. (currently amended) An information processing terminal comprising:

a data communications unit for receiving additional information obtained and transferred by a receiver receiving a digital radio broadcast in which the additional information is multiplexed with an audio program; said additional information including at least information of an artist of the audio program, an identifier of the digital radio broadcast, a broadcast time stamp, and lyrics of the audio program;

a control unit which determines whether preset key information is included in the transferred additional information, the key information comprising a program category preset by a user; and

a network communications unit for transmitting the additional information without the audio program onto a

communications network only when said control unit determines that the key information is included in the additional information.

Claim 53. (Previously Presented) The information processing terminal according to Claim 52, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, said network communications unit transmits the additional information including the header portion.

Claim 54. (Previously Presented) The information processing terminal according to Claim 52, wherein when the additional information includes a data portion consisting of a payload and a header portion consisting of information associated with the payload, information included in the header portion of the additional information is set as the key information, and when the key information is included in the header portion, said network communications unit transmits the data portion associated with the header portion.

Claim 55. (currently amended) The information processing terminal according to Claim 52, wherein when said control unit determines that the key information is included in the additional information, said network communications unit transmits, in addition to the additional information including the key information, ~~the main~~ information of the associated program.

Claim 56. (Previously Presented) The information processing terminal according to Claim 52, wherein when said control unit determines that the key information is included in the additional information, said network communications unit transmits accompanying information obtained by said information processing terminal in association with the additional information.